

## ABSTRACT OF THE DISCLOSURE

5      Temperature of a heater is controlled by switching an  
increasing rate of a resistance value of a heating unit of  
the heater. During a period T1 from a time point when  
heating of the heater is started until the resistance value  
of the heating unit reaches a reference value, the  
increasing rate is changed in multiple heating stages. In  
this manner, temperature and the resistance value of the  
heating unit are increased. During a period T2 from a time  
point when the resistance value of the heating unit reaches  
the reference value, feedback control is performed such that  
the resistance value is kept at the reference value as a  
target value.

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